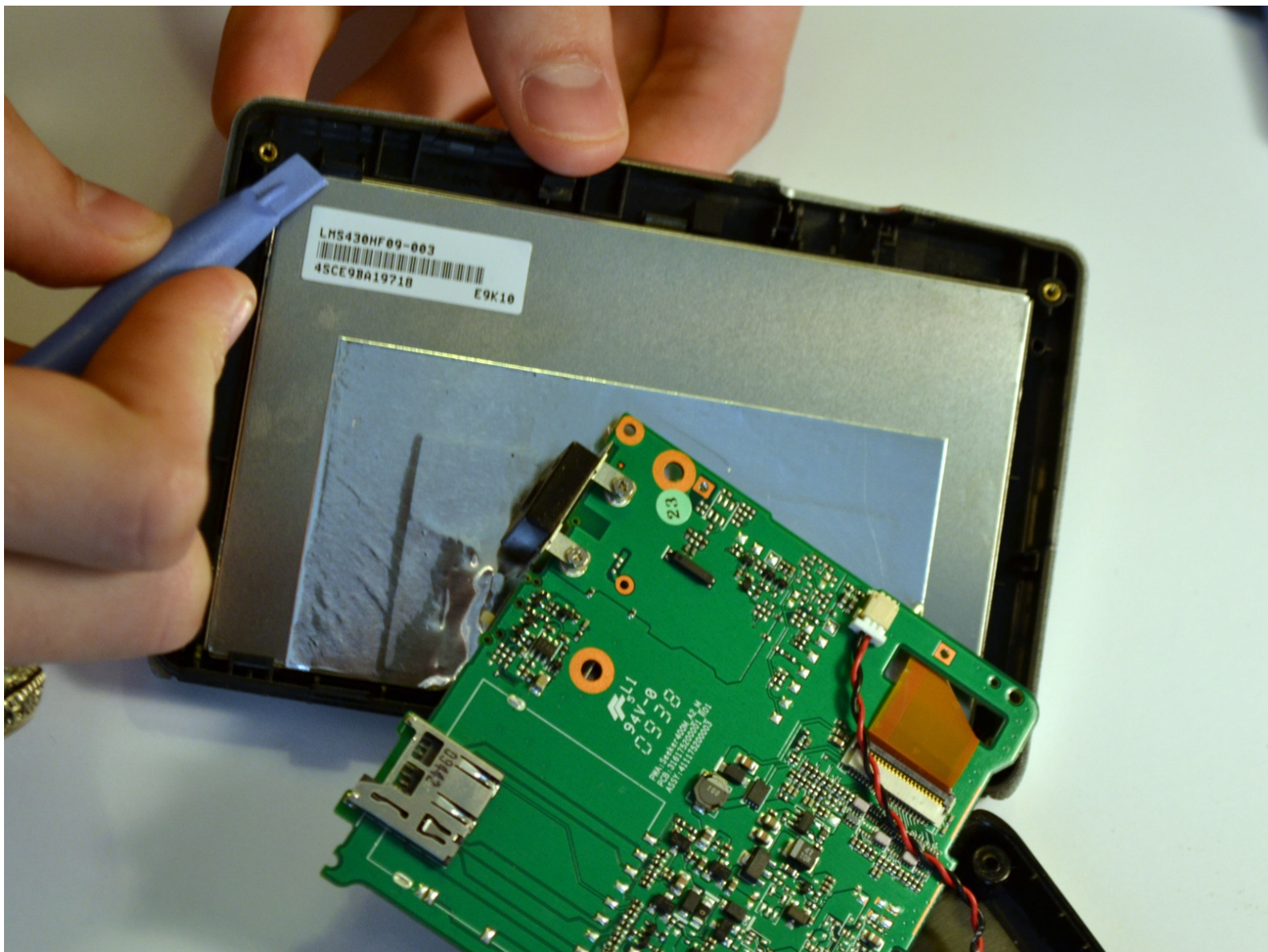




Magellan RoadMate 1440 Screen Replacement

If there is a problem with the screen which is due to a physical flaw, it will need to be replaced.
This guide shows how to remove the screen for replacement.

Written By: Miller Hall



INTRODUCTION

After removing the back cover and battery, follow this guide in order to remove the screen from the device.



TOOLS:

- [Phillips #0 Screwdriver](#) (1)
 - [Heavy-Duty Spudger](#) (1)
-

Step 1 — Magellan RoadMate 1440 Back Cover Disassembly



- Place the GPS with the screen facing down.

Step 2



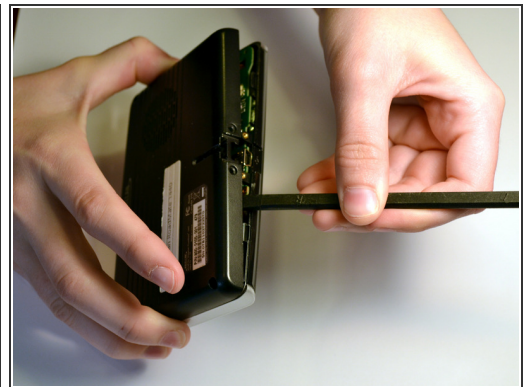
- Locate the four screws in the back cover of the device. Use a Phillips #0 screwdriver to remove all four 4.2mm Phillips #0 screws.

Step 3



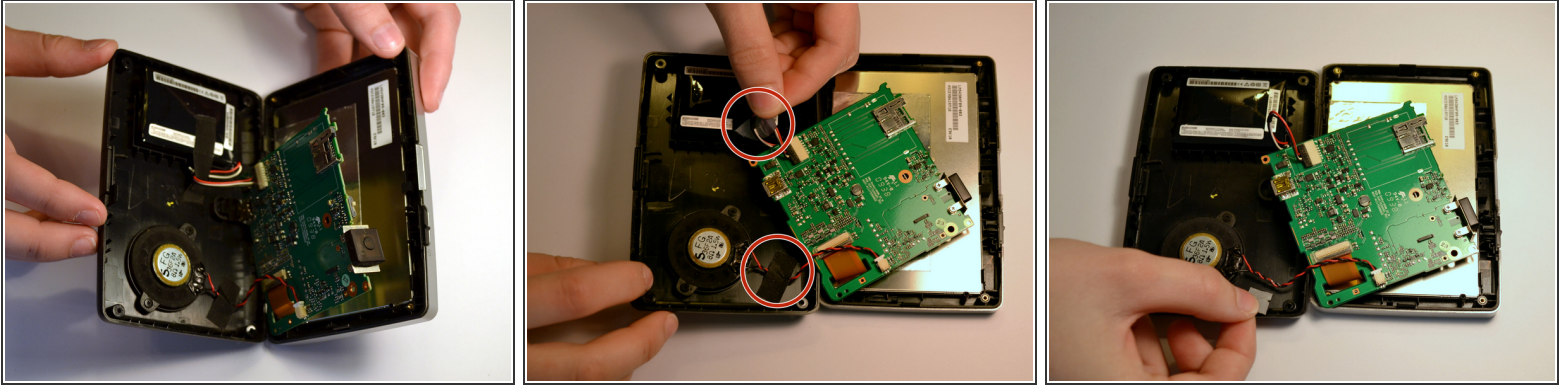
- Locate the screws at the bottom of the device. Use a Phillips #0 screwdriver to remove the two 4.2mm Phillips #0 screws.

Step 4



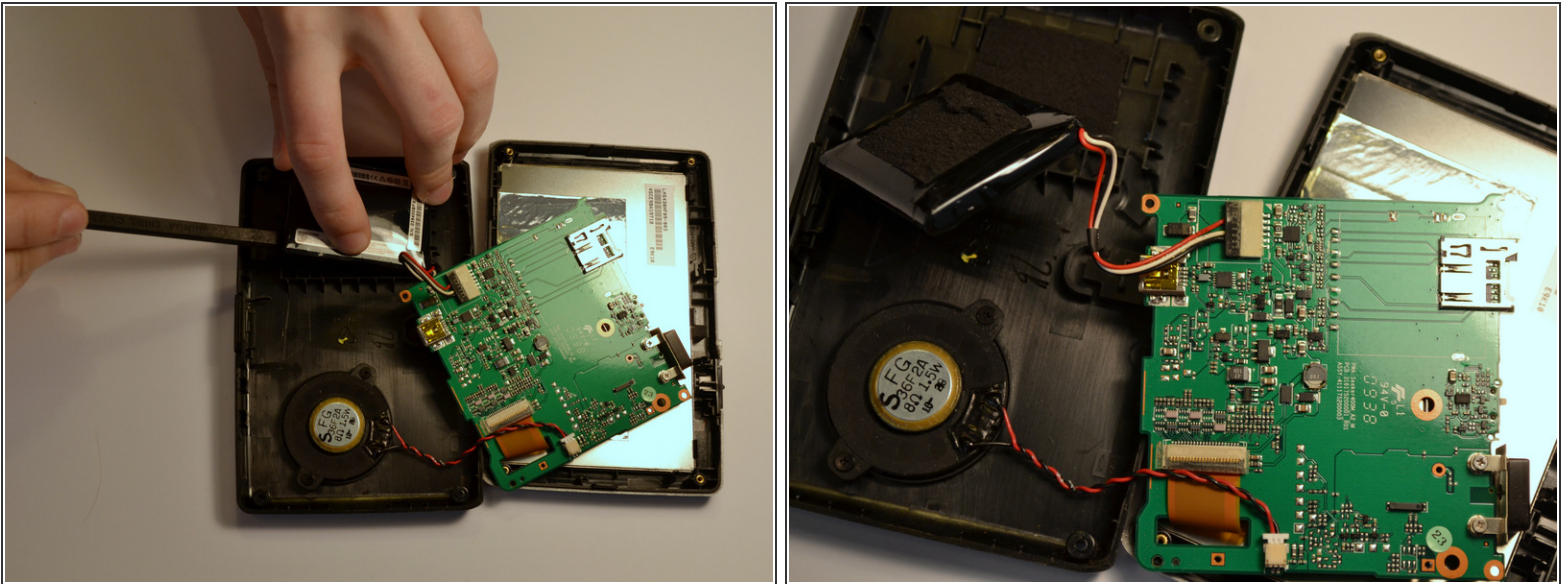
- Insert the black spudger into the crease in the side of the GPS.
- Move the end of the spudger down to break the seal between the two plastic shells.
- Continue doing this along each side of the GPS to ensure a smooth removal.


Step 5



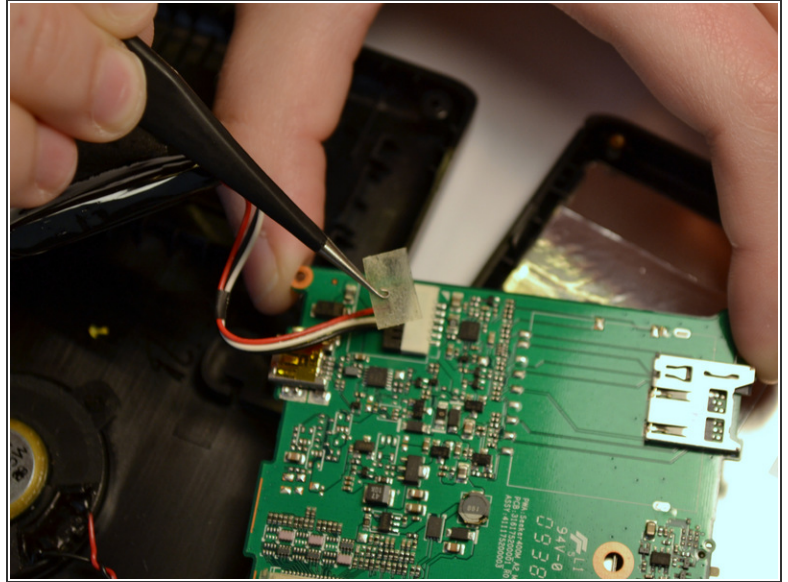
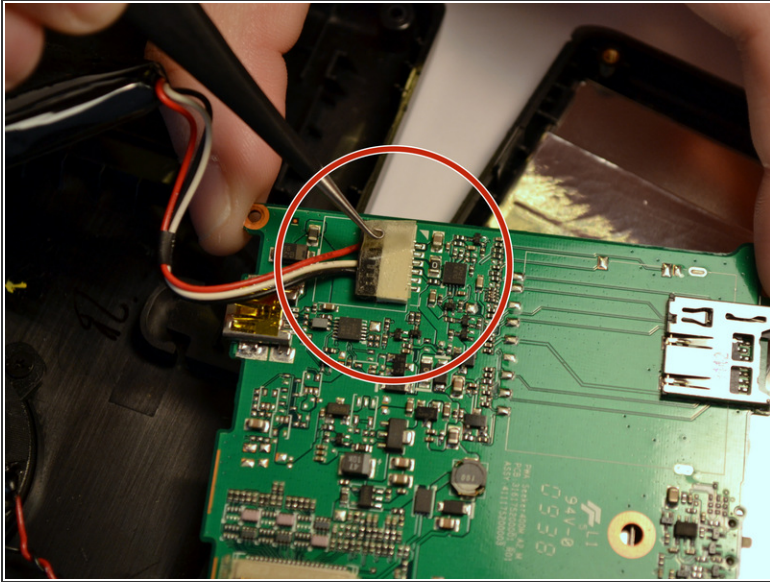
- Fully separate the two sides of the case.
- Locate the tape on the battery wires and the tape on the speaker wires. Remove both pieces of tape.

Step 6 — Battery



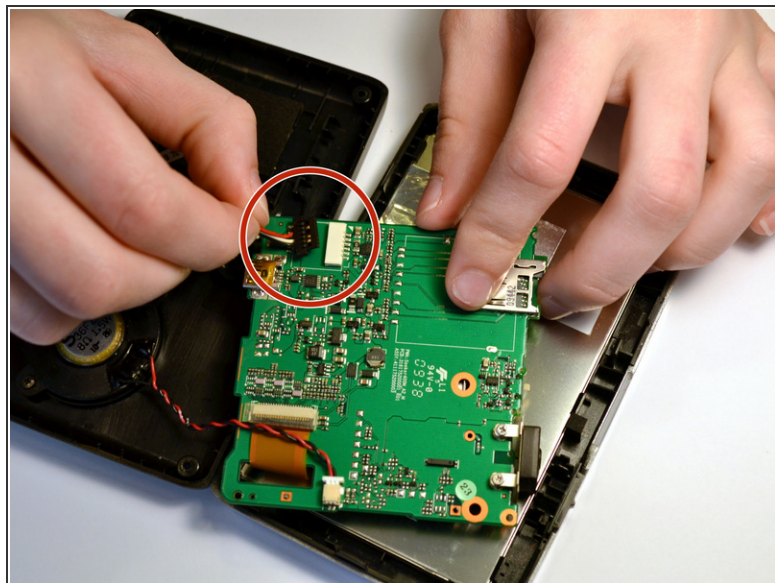
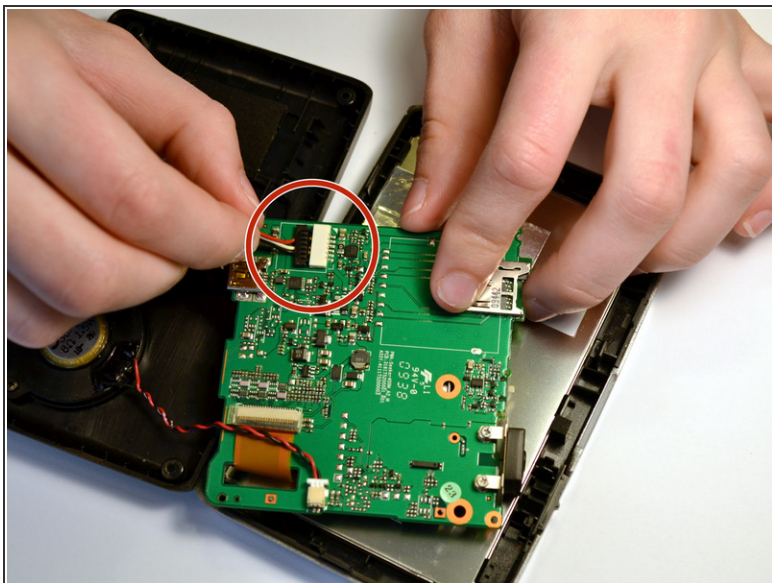
- Use the black spudger to break the seal between the adhesive and battery. Use the same spudger to continue to pry the battery from the backing
-  This may be a little tough to separate the battery and the adhesive

Step 7



- Lift the battery from the device
- Once the battery is free from the adhesive, remove the piece of tape with a pair of tweezers that is covering the connection of the battery to the motherboard.

Step 8

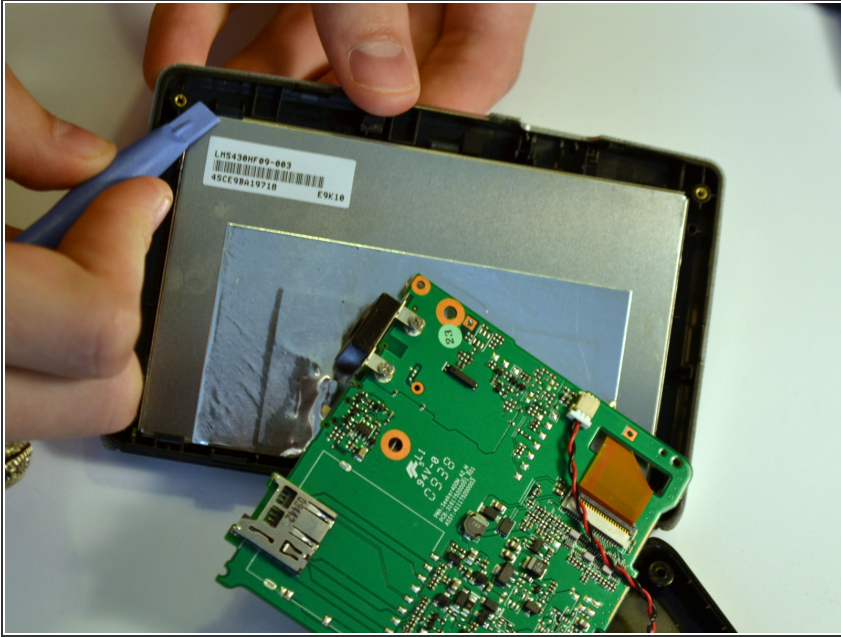


- Unplug the battery from the mother board by pulling back the clips and pulling the wires away from the motherboards receptacle

⚠ It is important for your and the device's safety to remove the battery before continuing with any other part removals.

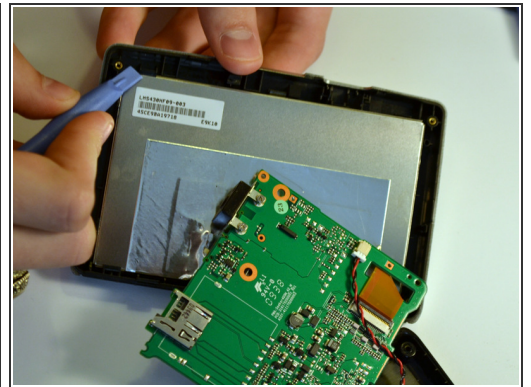
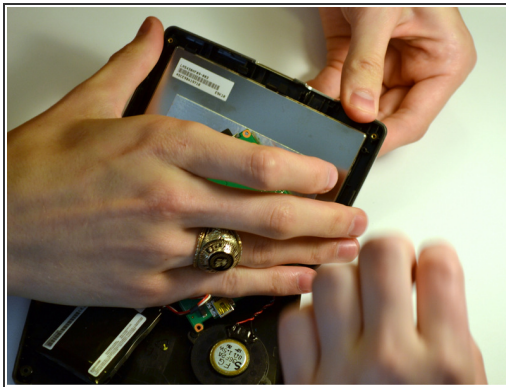
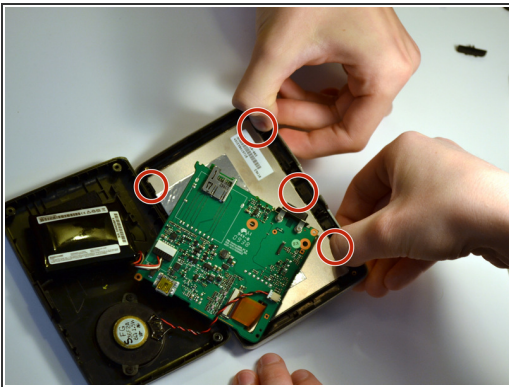
i It is not necessary to separate the red and white wires from the battery. A replacement battery pack will come with similar wires already attached.

Step 9 — Screen



- Replace the device's screen.

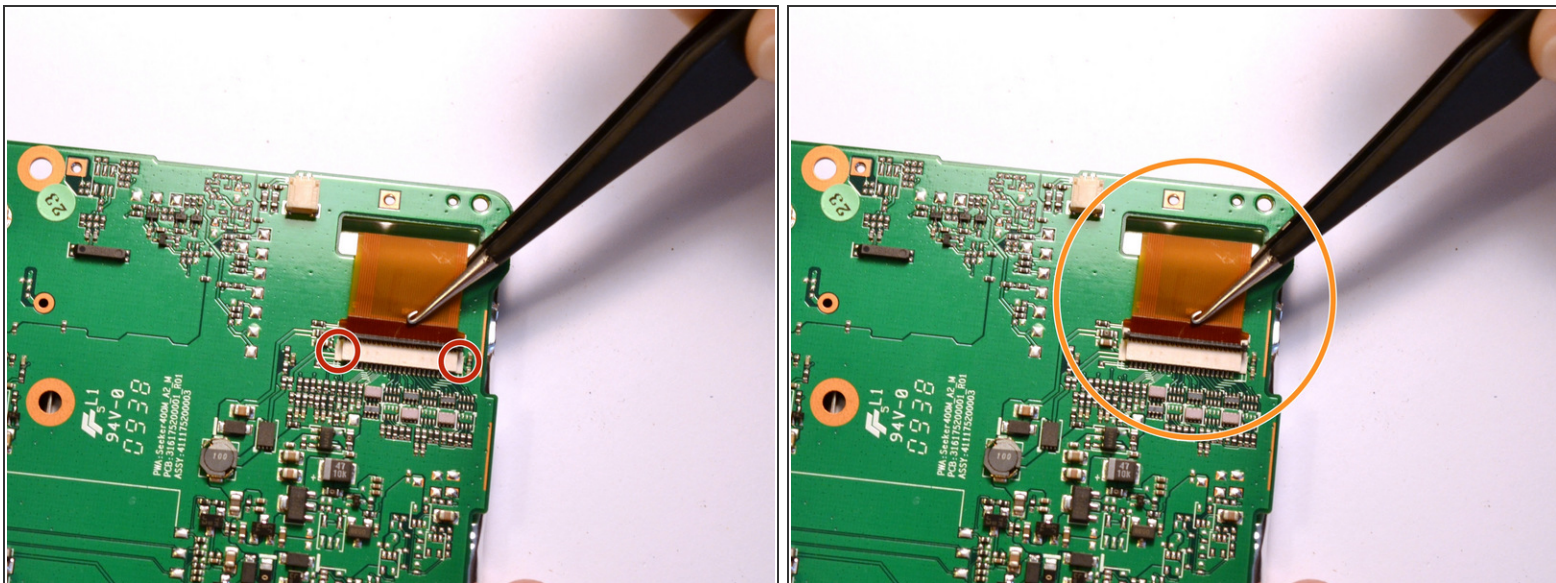
Step 10



i It may be necessary to get help from a friend to hold the device stable while removing the screen.

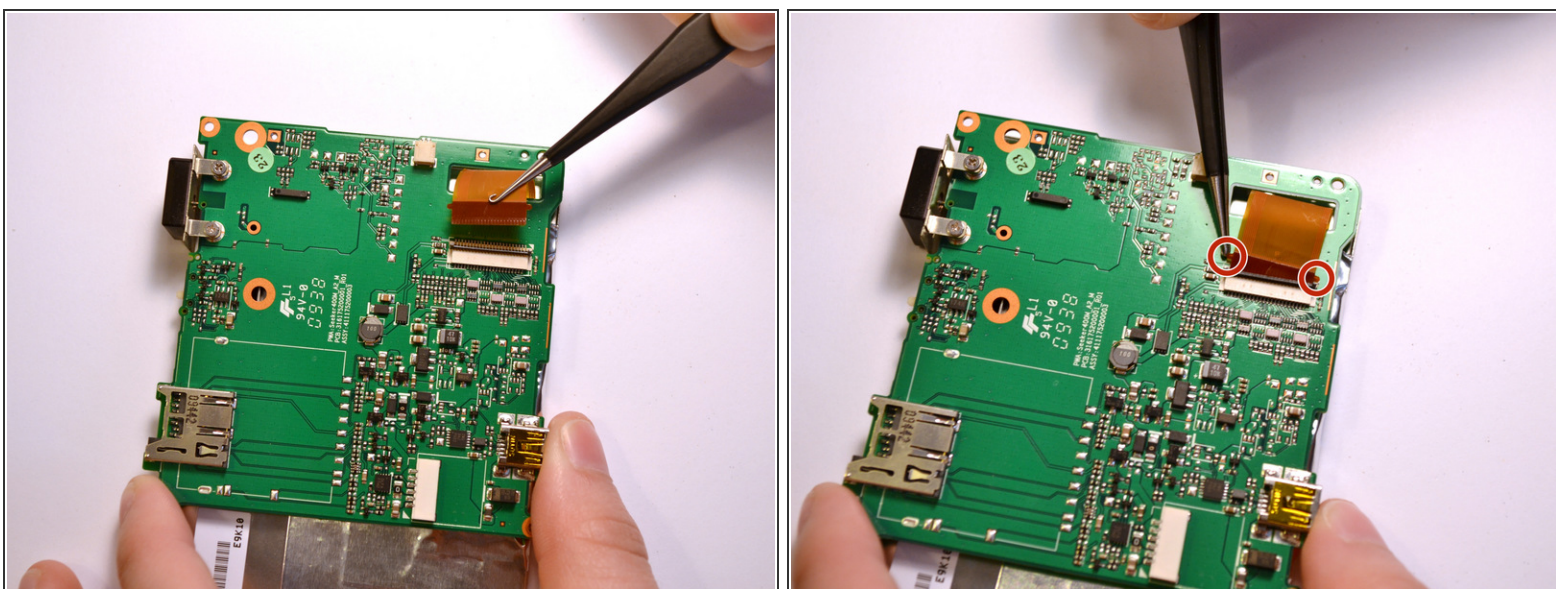
- Using two hands, pull back the tabs holding the screen in place.
- Use a spudger to help use leverage to remove the screen, if necessary

Step 11



- Raise the switch locking the ribbon cable in place.
- Using twesers, pull the ribbon cable from the socket.

Step 12



- With the ribbon cable removed, the screen is completely disconnected from the device.
- To replace the ribbon cable, press the two tabs to push the head into the socket.

To reassemble your device, follow these instructions in reverse order.

This document was last generated on 2017-07-06 10:57:54 PM.